

THE ARIZONA MINING FIELD

Items About the Mines and Mineral Development Culled From Exchanges

TREASURELAND OF AMERICA

Reports From Many Districts in the Territory, Telling of Important Discoveries, Active Operations and Organization of New Companies

Consul Shank, of Winnipeg, Canada, reports that scientific circles are interested in the discovery of a process for welding copper, which has been made by a local blacksmith. It is said the process has been thoroughly tested and found perfect, and that copper can be welded to copper or other metals without impairing the electrical conductivity and other properties. The process is said to be very simple and not more expensive than the welding of steel. The work can be done with a forge, a blowpipe, or any other apparatus that will heat the metal a cherry red. Patents have been applied for in the United States and Canada.

PIMA COUNTY STRIKES

Recent Reports Indicate Corrosive Prosperity in the District

From the Tucson Star.

L. M. Robinson, manager of the Robinson-Arizona company operating in the placer section at Gratzville, is in the city. He said the company is waiting for water, primarily for the interior department to confer the privilege of allowing the company to build a reservoir of 3,500,000 gallons capacity. Mr. Robinson feels confident of hearing from the department, and favorably, in reply to the petition, which was filed a few months ago. Mr. Robinson said the Santa Rita Water and Mining company was short on water, but had done considerable work and received returns in their work on the adjoining placer fields. Superintendent Comings of the S. R. W. & M. Co. is now on the coast.

From the Tucson Citizen.

Mayor Rose, of the Twin Buttes, is here on business. Business always moves when he is about. The Twin Buttes railroad, the mines, the smelter and the Canoa land project will all be in action before he leaves, and that means much for this region of Arizona. Mayor Rose has other industrial projects forming which mean much for Arizona as to development and state building. Pima county, under such men as he and his associates, will soon become one of the largest wealth producers in Arizona.

MOHAVE COUNTY

The Week's Mining News as Reported by the Miner

Oswald Stein, who has a lease and bond on one of the outside mines of the Elkhart group, received returns from a shipment of ore a few days ago which averaged over 55 per cent lead and \$12 in gold and silver. The ore body is quite large and shows permanency.

Peter Caffery came in from the Alpha mine on Wednesday last to attend to business matters. He reports that the lower adit drift on the mine is in good ore. Work will be continued on the property for several months and it is expected in that time to get the drift under the old ore body.

Work on the Big Bend copper mines is to be commenced shortly after the first of the coming month. Prospectors who have seen the property declare the outcrop to be equal to that of the Cananea mines. The properties are accessible from the White Hills and it is probable that from that place supplies will be drawn.

Tubercio Padillo and Manuel Martinez are having eighty sacks of ore packed from the Diamond Joe mine to the Cedar road, where it will be hauled to the railroad for shipment to the smelter. The ore is said to be exceedingly rich in silver. The men have a lease on the mine and have opened up a big body of high grade silver-copper ore.

P. McCordell visited the J. F. T. mine Thursday last to make an examination of ore on the property. He brought back with him samples of ruby silver ore and states that the pay streak is about one foot in width. This strike was made at a depth of about 175 feet and appears to be getting better with every foot of development. Chack brothers, who are sinking the shaft, believe the ore to be very rich, although no assays have yet been made.

L. J. Lassell, P. H., and Anson H. Smith returned Tuesday last from the molybdenite mine, in the Deluge wash section of Wallapai mountains. They

brought with them a large quantity of samples and will have tests made to ascertain its adaptability to concentration. The ore carries a large percentage of copper, as well as molybdenum, but the values in gold and silver are low. The veins are very large and the quantity of the rare metal appears to be inexhaustible. If the tests prove satisfactory a plant to treat the ore will be put in at the mine.

Louis Hofer, superintendent of the Arizona-Pyramid Gold Mining company, was in Kingman on Wednesday last. The Katherine mine, owned by this company, is having a two compartment shaft sunk on it to a depth of several hundred feet. The ore body is said to be immense and the values high. The mill is to be started up right away, a mill man having arrived from Grass Valley last week.

PICTORIAL MINING

Fine Display For Mining Congress at El Paso in November

At a meeting last week of those preparing for the coming session of the mining congress at El Paso, W. H. Humphries, president of the Humphries Photo company, appeared with a suggestion which received the approval of the committee. He said that he had secured about 2000 high class views of mining properties in Arizona, New Mexico, Texas, Chihuahua and Sonora. The exhibit has already secured recognition at the hands of the American mining congress, one evening having been set aside for its display. Mr. Humphries suggested that a number of them, from fifty to a hundred, be photographed for a stereopticon slide and exhibited one evening during the congress as a means of illustrating the mining resources of the territory that is tributary to El Paso. In addition to views of mines Mr. Humphries also has views of new processes and methods of mining that are being used in the southwest. Mr. Humphries' suggestion has been accepted and the program will be arranged for a pictorial exhibit of the mining country of the southwest. Besides the stereopticon exhibit a place will be set aside where the remaining 2000 photographs can be displayed. —El Paso Times.

COCHISE COUNTY

Where Mining, the Chief Industry, is Very Active

From the Tombstone Prospector.

The sheriff's sale of the Copper King, an Arizona property located at Barnett, Ariz., took place last week. The Southern Arizona Banking & Trust company of Tucson, Ariz., as trustees, bid in the same for the amount of the indebtedness due them, amounting to \$2,041.75.

From the Douglas Dispatch.

John Rainey is at work daily in opening up his new strike made last week in the Midget. The ledge still continues to hold its own and is getting stronger if anything. Mr. Rainey has already taken out considerable ore which he is sacking and will soon have out enough to make a shipment. The ore still continues to resemble the old Silver Plume ore and there now seems to be but little doubt that it is an extension of that ledge.

The Moctezuma Copper company has reported to the custom office the arrival at Douglas of fifteen cars of concentrates from the mine in Mexico, valued at \$12,500. The shipment contains 800,000 pounds and is one of the largest ever brought to Douglas. Owing to the rushed condition of the Douglas smelters the concentrates will go on to Globe where they will be handled by the Old Dominion smelter.

The water supply is not all that could be desired at the Copper Queen smelter and four new wells will be put down with a view of increasing the supply. One of these wells is now down 450 feet, but the desirable flow has not yet been encountered. Work on the other three wells will be started as soon as the present one is completed.

Sinking was resumed at the Shattuck-Arizona on the tenth of August and the shaft is now down 790 feet. A station will be cut at once and at the same time sinking will proceed until a depth of 825 feet is reached, the lower 25 feet to be used as a sump. The pumps are now discharging 175 gallons per minute and the volume of water is keeping up a steady flow at that rate. Upon the completion of the station on the 800 level and the sump development work on laterals will commence on a large scale.

CLIFTON AND MORENCI

Items of Interest From Graham County's Big Copper Camps

From the Clifton Herald

Supt. Stevens has about completed his arrangements with the mills and smelters for the treatment of the Chase Creek Copper Company's ore. The rate is not definitely known, but is surmised to be quite low on account of the unskillful character of the ore. We are glad to know that the entire product will be treated at home and that none of it will be shipped away. The capacity of the ore bins will be 300 tons. Stockpile No. 2 will be the first to be removed. Eventually a new railroad switch and siding may have to be put in at the mine.

From the Morenci Leader.

The Shannon is said to be earning \$1 per share on its 200,000 shares annually, after fixed charges and sinking funds are deducted. Good ore has recently been developed in its lower workings, which are 250 feet deeper than any previous values disclosed.

PINAL'S MINE PROSPECTS

Brief Description of Properties Near Florence by Expert

Speaking of promising mines in Pinal county, J. R. Chaptin, in the Arizona Blade, writes as follows: The property owned by Messrs. Woods, Winkelman and Sowers, east of Kelvin, shows from the surface croppings and shallow developments an extensive copper deposit. The Hamilton and Copper Bell groups owned by A. Neiman and partner are beyond the prospective stage 12 claims with over 1600 feet of development showing high values in gold, silver and copper and is a valuable property. The Arizona-Pacific mines has a modern plant on a property that shows well. From surface indications and from ore from the 350-foot level the future is assured.

The property of the Ophir Consolidated Gold and Copper Mining company consists of 7 claims on Big Sand wash 15 miles east of Florence and about 4 miles from the Gila river and located on both sides of the Florence and Kelvin wagon road. The property from surface indications and shallow development work looks well, on one claim, the McKinney, is a ledge about 30 feet wide and they have encountered and uncovered a pay streak 4 feet wide that shows values of at least 15 per cent copper and also carries gold and silver. On two other claims they have uncovered a pay streak of 12 inches with ore showing values of 20 per cent copper, the other a pay streak of 18 inches shows values of 19 per cent. The above ledges or deposits are from 30 to 90 feet wide. The property north and adjoining above property of several claims is owned by John DeArmitt and John Brady. On one claim they have about 150 feet of work, have a large body of ore of high grade and are preparing to ship ore that will average 45 per cent copper.

West of above about two miles are the Westfall Bros' properties of several claims. They have several hundred feet of development showing immense deposits of ore from which over 100 tons have been shipped. This property has a good outlook.

The property north of above and adjoining consisting of 4 claims and owned by N. White, called the Old Buck group, is one of the most promising in the district, has on Buck shaft 70 feet, shaft 40 feet all in ore, as well as 30 feet drift in ore of high grade from which ore has been shipped averaging over 40 per cent copper. There are also several openings on the above and the other three claims all showing a good class of ore. The property north of above and adjoining, owned by W. Y. Price, of ten or more claims has several hundred feet of development. With good management it will make a mine as the surface indications and openings show some high grade ores. There is also a gold and copper property located at the foot of south Butte of several claims and I have seen samples of gold ore that from tests would reach \$150 per ton and has also high grade copper ore.

The Mineral Hill properties, which lie north of the river about seven miles and are owned by several different parties, not only carrying gold and copper, but runs high in silver, a great many tons having been shipped in the palmy days of silver. With development they have a great future.

PROCLAMATION OF OFFER OF REWARD

By the Governor of Arizona

Whereas, I have been officially informed that Samuel S. Plunkett and Edward E. Kennedy, citizens of Gila county, this Territory, were murdered on the 12th day of July, 1905, by some person or persons unknown; and

Whereas, The Sheriff of said Gila county has requested me to offer on behalf of the Territory a reward for the arrest of the murderer or murderers of the said Samuel S. Plunkett and Edward E. Kennedy; and in support of his request has stated that the whereabouts of the said murderer or murderers is unknown to him; and that there is reason to fear that the perpetrators of the said murders will escape arrest unless a reward is offered by the Territory for their apprehension; and

Whereas, It appears that the said Sheriff of Gila county, and his deputies have used due diligence in their efforts to apprehend the said murderers, and so far have failed in such efforts; and

Whereas, It appears that extraordinary reasons exist for resorting to this method of aiding in the capture of the fugitives.

Now, therefore, I, Joseph H. Kibbey, Governor of Arizona, by virtue of the power and authority in me vested by law, do hereby offer a reward of Five Hundred Dollars for the arrest and conviction of the murderer, or of any of the murderers, if there are more than one, of the aforesaid Samuel S. Plunkett and Edward E. Kennedy, or for the murderer or murderers of either of them.

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the Territory to be hereto affixed. Done at Phoenix, the Capital, this twenty-ninth day of July, 1905.

JOSEPH H. KIBBEY,
By the Governor:
LEW W. COLLINS,
Assistant Secretary of the Territory of Arizona.

Gila Valley, Globe & Northern Railroad Company

Time Table No. 36, taking effect 12:01 A.M. July 9, 1905.

FROM GLOBE	STATIONS	TOWARD GLOBE
Daily Mail and Exp's		Daily Mail and Exp's
5:30 a.m. Lv	Globe	Ar 7:50 p.m.
5:45	Cutter	7:28
6:12	Rice	7:02
6:35	San Carlos	6:34
6:58	Dewey	6:12
7:28	Geronimo	5:41
7:45	Fort Thomas	5:26
8:05	Matthewsville	5:04
8:15	Pima	4:56
8:21	Central	4:51
8:27	Thatcher	4:46
8:35	Safford	4:39
8:45	Solomonville	4:27
9:20	Rail N Ranch	3:55
9:43	Twenty Mile Tank	3:32
10:05 a.m. Ar	Bowie	Lv 3:10 p.m.

Trains make close connection at Bowie with Southern Pacific trains for both east and west, and at Globe with stage lines to Payson, Upper Salt River valley, Riverside, Tonto Basin, Ray and Black Warrior mine.

The time of running trains is Pacific standard time, which is one hour slower than Mountain time.

EPES RANDOLPH, President.

W. R. MARTIN, Superintendent.

Wingfield Stage Co.

Operating between Globe, Livingston, Roosevelt, Cline and Payson

Globe office, Globe Livery Stable
Roosevelt office, Postoffice

Time Table No. 16.

Taking effect 12:01 a.m., August 13, 1904

From Globe	Stations	Toward Globe
Daily, except Sunday		Daily, except Sunday
Lv 7:00 a.m.	Globe	Ar 4:30 p.m.
9:30 a.m.	Wheatfields	2:00 p.m.
7:30 p.m.	Livingstone	10:00
Ar 3:00 p.m.	Roosevelt	Lv 4:30 a.m.

Rates:
Globe to Livingston \$5.00; to Roosevelt \$4.00
Globe to Cline \$5.00; to Payson \$10.00

All Stages new and in first-class condition. Horses are the best and are perfectly safe. Four used going over the mountain. Dinner at Wheatfields. Carry United States Mail, and do a general Express business.

Monday, Wednesday and Friday stages take Cline and Payson passengers.

W. B. LEWIS, Manager.

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Commencing November 15th, double daily train service will be inaugurated between San Francisco and New Orleans, on following schedules:

EAST BOUND

No. 10—SUNSET LIMITED, Over Coast Division.

Leave San Francisco 7 p.m.; Bowie, 1 m.; arriving at New Orleans 8:45 p.m. This train carries diner, observation, parlor and drawing-room sleepers through to New York, Chicago and New Orleans; also tourist sleepers to Washington, Cincinnati, Chicago, Memphis, St. Paul, St. Louis, etc.

No. 8—CRESCENT CITY EXPRESS, Bakersfield Route.

Leaves San Francisco 9 a.m.; Bowie 5:25 a.m.; and arrives at New Orleans 8:35 a.m. This train carries drawing room sleeper to New Orleans; also tourist cars to St. Louis, St. Paul and Chicago.

WEST BOUND

No. 9—SUN LIMITED, Bakersfield Route.

Leaves New Orleans 11:45 a.m.; Bowie, 11:31 a.m.; arriving at San Francisco 8:25 a.m., with four hours and forty minutes layover in Los Angeles.

This train carries same equipment as No. 10.

No. 7—PACIFIC EXPRESS, Coast Division.

Leaves New Orleans 9 p.m.; Bowie, 8:27 p.m.; arrives at San Francisco 11:45 a.m.

This train carries same equipment as No. 8 and in addition diner and chair car Los Angeles to San Francisco.

Trains 9 and 10 carry Free Reclining Chair Cars.

For further information call on or address:

C. M. HURKHALTER,
D. F. & P. A., Tucson

J. T. CLAYTON,
Agent, Bowie

F. H. GOODMAN, G. P. A., San Francisco

NOTICE TO CREDITORS

Estate of William T. Mitchell, deceased.

Notice is hereby given by the undersigned, administrator of the estate of William T. Mitchell, deceased, to the creditors of and all persons having claims against the said deceased, to exhibit them, with the necessary vouchers, within four months after the first publication of this notice to the said administrator at his residence or probate judge's office, the same being the place for the transaction of the business of said estate, in said county of Gila.

JOHN MITCHELL,
Administrator of Estate Wm. T. Mitchell, Deceased.

Dated Aug. 16, 1905.

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